

Claims

The following is a copy of Applicant's claims that identifies language being added with underlining ("__") and language being deleted with strikethrough ("---"), as is applicable:

1. (Original) A fastener, comprising:
an integrated isolation member composed of a resilient material, the isolation member being adapted to isolate a storage media drive to which the fastener is to be mounted from a drive cage in which the drive is to be installed, the isolation member being sized and configured to fit within a slot of the drive cage and to abut a surface of the drive cage.
2. (Original) The fastener of claim 1, wherein the isolation member is composed of a thermoplastic elastomer material.
3. (Original) The fastener of claim 1, wherein the isolation member includes an outer wall and an axial portion, the outer wall being adapted to abut the drive cage surface and the axial portion being configured to fit within the drive cage slot.
4. (Original) The fastener of claim 1, wherein the isolation member includes ribs that are adapted to abut the drive cage surface.

5. (Original) The fastener of claim 1, further comprising a threaded stud that is adapted to thread into an opening of the storage media drive prior to insertion of the drive into the drive cage.

6. (Original) The fastener of claim 5, further comprising a head that is used to tighten the fastener.

7. (Original) The fastener of claim 6, further comprising a washer upon which the isolation member is provided, the washer being located between the head and the threaded stud.

8. (Original) The fastener of claim 7, further comprising a shaft that extends between the head and the threaded stud, the washer being mounted on the shaft.

9. (Currently amended) A fastener for isolating a storage media drive within a drive cage, the fastener comprising:

a head that is used to tighten the fastener;

a shaft that extends from the head;

a washer that contacts the shaft;

a threaded stud that extends from the shaft beyond the washer; and

a resilient isolation member that is provided on the washer between the washer and the head, the isolation member including a base portion having a first diameter and an outer wall that is adapted to abut a surface of the drive cage, and an axial portion that

surrounds the shaft and extends from the base portion to the fastener head so as to be positioned between the base portion and the fastener head, the axial portion having a second diameter that is smaller than the first diameter, the axial portion that is being adapted to fit between opposed edges of a slot formed in the drive cage.

10. (Original) The fastener of claim 9, wherein the head, shaft, and threaded stud are unitarily formed with each other.

11. (Original) The fastener of claim 10, wherein the head, shaft, and threaded stud are made of a metal material.

12. (Currently amended) The fastener of claim 9, wherein the head ~~is a Torx head~~ includes a star-shaped recess.

13. (Original) The fastener of claim 9, wherein the washer is press-fit onto the shaft.

14. (Original) The fastener of claim 9, wherein the axial portion of the isolation member has a diameter that is approximately the same as an outer diameter of the head.

15. (Original) The fastener of claim 9, further comprising ribs that extend radially outward from the axial portion to the outer wall.

16. (Original) The fastener of claim 15, wherein the ribs have a height that is greater than a height of the outer wall so as to define top portions that extend beyond a top surface of the outer wall.

17. (Original) The fastener of claim 9, wherein the isolation member is made of a thermoplastic elastomer.

18. (Original) The fastener of claim 9, wherein the isolation member is injection molded to the washer, shaft, and head.

19. (Original) A storage media drive, comprising:
an outer housing that defines ends of the drive; and
fasteners that are mounted to the ends of the drive, the fasteners each comprising
an integrated isolation member composed of a resilient material, the isolation member
being adapted to isolate the drive from a drive cage in which the drive is to be installed,
the isolation member being sized and configured to fit within a slot of the drive cage and
to abut a surface of the drive cage.

20. (Currently amended) The drive of claim 19, wherein the isolation member includes a base portion having an outer wall and an axial portion extending from the base portion, the outer wall being adapted to abut the drive cage surface and the axial portion

being configured to fit within the drive cage slot, wherein the base portion has a diameter that is larger than a diameter of the axial portion.

21. (Original) The drive of claim 20, wherein the isolation member further includes ribs that extend from the axial portion to the outer wall.

22. (Original) The drive of claim 19, further comprising openings formed in the ends, wherein the fasteners are threaded into the openings with threaded studs.

23. (Original) The drive of claim 19, wherein the fasteners further include a washer upon which the isolation member is provided.

24. (Original) The drive of claim 19, wherein the fasteners further include a shaft that extends between the head and the threaded stud.

25. (Original) The drive of claim 19, wherein the drive is a magnetic hard drive.

26. (Original) The drive of claim 19, wherein the drive is an optical drive.

27-30. (Canceled)

31. (Withdrawn) A computer sub-assembly, comprising:

- a storage media drive;
- a drive cage that receives the storage media drive; and
- a fastener that fastens to the storage media drive, the fastener including a resilient isolation member that is adapted to abut a surface of the drive cage so as to physically isolate the drive cage from the storage media drive to reduce transmission of vibrations from the storage media drive to the drive cage.

32. (New) The fastener of claim 1, wherein the integrated isolation member is not provided around a sleeve.